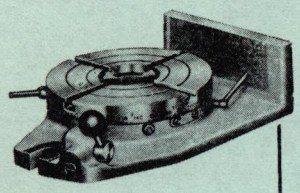
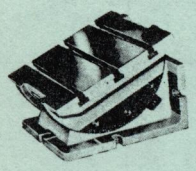
ROTARY TABLES AND DIVIDING HEADS

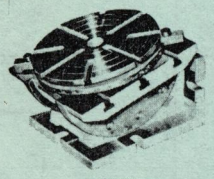
PRICE LIST NO. 17

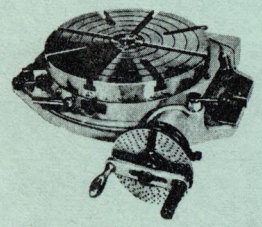
FEBRUARY 1978

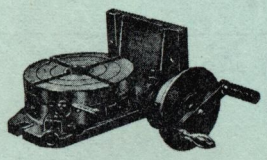


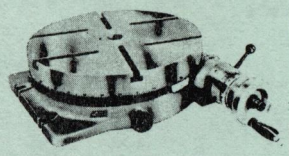
VTA	VERTICAL-HORIZONTAL INDEXING AND DIVIDING HEAD	VTA-1 ..... $726.	VTA-2 ..... $867.
ACCESSORIES:	Drilling Fixture	343.	363.
	#3 Morse Taper Collet & Collet Chuck	131.	131.
	Cover Plate	20.	22.
	Special Dividing Plate	on request	on request.

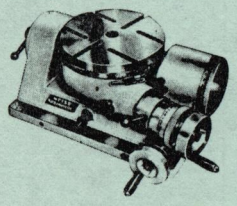


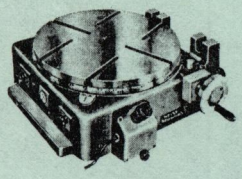












	MODEL	DIAMETER OF TABLE 8"	10"	12"	14"	16"	18"	20"	24"
WT	SWIVEL ANGLE TABLE	566	667	895		1326		1972	2870
WTR	SWIVEL ANGLE TABLE W/ROTARY PLATE		990	1278		1760		2702	4046
RTH	HORIZONTAL ROTARY TABLE	1127	1332	1633	1863		2375		3911
	*3-JAW CHUCK	409	557	557	765		1420		3073
RTHV	HORIZONTAL-VERTICAL ROTARY TABLE	1285		1834					
	Same including fitted 3-jaw chuck	1536		2178					
	Drilling Fixture	363		682					

SET OF FOUR SPECIAL INDIRECT DIVIDING DISCS for RTH and RTHV	$ 267.
UNIVERSAL DRILL FIXTURE model DFRT for use with Rotary Tables Weight 57 lbs.	719.

*3-JAW CHUCKS MUST BE FITTED TO THE TABLE AT THE FACTORY.

	DIAMETER OF TABLE:	10"	12"	14"	16"	20"
RTHP	HORIZONTAL ROTARY TABLE SUPER ACCURATE	1633	1712	1869	2007	2814
RTTP	TILTING ROTARY TABLE SUPER ACCURATE	3936		4722		
RTO	OPTICAL HORIZONTAL ROTARY TABLE		4646		5210	
ERTO	ELECTRONIC READ OUT ROTARY TABLE with FARRAND Read Out		10695		11274	

FREE Anti-Knucklebuster with all Rotary Tables

Please See Price List for prices on Work Holder Tools as shown on Page 20 of Rotary Table Catalogue.

NEISE MODERNTOOLS

KARL A. NEISE, INC.
56-02 ROOSEVELT AVENUE
WOODSIDE, NEW YORK 11377

MASTER TURBO GRINDERS & MASTER JR. TURBO

Air Driven Spindles

SPECIFICATIONS

MODELS	R.P.M.	COLLECTS	PRESSURE	CU. FT.	PRICE
57	70,000	5/32" & 1/8"	60 psi.	4.5	$ 926.
58 Working Depth 5–5/16"	40,000	Flange Fastening	60 psi.	7.4	1213.
58 Working Depth 8–1/16"	40,000	Flange Fastening	60 psi.	7.4	1299.
63	100,000	3/32" & 1/8"	60 psi.	2.47	521.
Jr.	100,000	3/32" & 1/8"	60 psi.	2.47	342.
Jet	80,000	3/32" & 1/8"	60 psi.	3.5	544.

SAFETY TOOLS

ANTI-KNUCKLEBUSTER	$18.00 PER PAIR EXTRAS $9.70 EACH		
TANGMASTER	No. 1 fits Morse taper No. 0–1 No. 2 fits Morse taper No. 1–3 No. 3 fits Morse taper No. 3–6 SAVE: Special price complete set		$ 25.30 27.50 37.40 77.00
SAFETY WEDGE	Type No.	For Morse Taper	Consumer Price
	MT 3–36	3	$32.
	MT 3–40	3	36.
	MT 4–48	4	33.
	MT 4–63	4	35.
	MT 5–63	5	35.
	MT 5–75	5	36.
	MT 5–90	5	39.
	MT 6–100	6	44.
	MT 6–120 A	6	47.
	MT 6–120 B	6	48.
	MT 6–130	6	50.
	MT 7–140	7	68.

ALL PRICES AND DESIGNS SUBJECT TO CHANGE WITHOUT NOTICE.

PRICES F.O.B. WOODSIDE, NEW YORK

NEISE-KURODA

UNIVERSAL BORING AND FACING MASTERHEAD

NEISE - KURODA Universal Boring & Facing Masterhead		Set Of Extra Equipment		Wooden Cabinet		Included in the EXTRA EQUIPMENT at NO EXTRA CHARGE are the following:
MODEL	PRICE	Part No.	PRICE	Part No.	PRICE	
UFB 1	$ 482.	EE 1	$ 54.	WC 1	$ 29.	FOR UFB 1: 2 SQUARE BORING BITS
UFB 2	587.	EE 2	75.	WC 2	34.	FOR UFB 2: 4 SQUARE BORING BITS
UFB 3	NO ADDITIONAL CHARGE for Bridgeport R8 shank 679.	EE 3	165.	WC 3	45.	FOR UFB 3 & 3S: 4 SQUARE BORING BITS
UFB 3S	874.	EE 3S	165.	WC 3	45.	
UFB 4	1,106.	EE 4	285.	WC 4	70.	FOR UFB 4 and 4S: 4 SQUARE BORING BITS & 3 REINFORCING RINGS
UFB 4S	1,187.	EE 4S	285.	WC 4S	70.	
UFB 5	1,244.	EE 5	297.	WC 5	75.	FOR UFB 5 through 6S: 4 SQUARE BORING BITS & 4 REINFORCING RINGS
UFB 5S	1,331.	EE 5S	297.	WC 5S	75.	
UFB 6 *	2,659.	EE 6	589.	WC 6	138.	(See Catalog Sheet for Specs)
UFB 6S*	2,834.	EE 6S	589.	WC 6	138.	

*Flange fitting only. Shanks supplied extra

NEW	UNIVERSAL TURRET STOPS for MASTERHEADS	KAN STOPS	for Size:	3 and 3S	4, 4S, 5, 5S	6 and 6S
			pair:	$ 57.	63.	68.

NEW ADDITIONAL CHARGE FOR ADAPTATION TO AUTOMATIC, SEMIAUTOMATIC, N/C AND TAPE-CONTROLLED APPLICATIONS

UFB 1 to UFB 3S ..... $ 70.

UFB 4 to UFB 5S ..... $ 95.

LARGER MODELS UPON REQUEST

Grease ..... 14½ oz. factory recommended heavy duty lubricant $3.25

PRESSURE PISTOL TYPE LUBRICATOR F R E E with each MASTERHEAD

Replacement Parts: MINIMUM CHARGE $25.

Above prices are for models UFB 1 to UFB 5S with Standard Morse Taper Shanks.
We will gladly quote on Heads with other Shanks upon request. (See other side.)

ALL PRICES AND DESIGNS SUBJECT TO CHANGE WITHOUT NOTICE.
PRICES F.O.B. WOODSIDE, NEW YORK.

NEISE MODERN TOOLS

KARL A. NEISE, INC.
56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377

Copyright by Karl A. Neise, Inc., Woodside, N.Y.

PRINTED IN U.S.A.

LIST OF STANDARD SHANKS AVAILABLE FOR NEISE - KURODA MASTERHEAD

MODEL	STANDARD: NO ADDITIONAL FORGING CHARGES	STANDARD: ADDITIONAL FORGING CHARGES	
UFB 1	#1 MT w/tang or draw-in thread	Cylindrical 1/2" dia.	$. 25.
		Cylindrical 3/4" dia.	25.
UFB 2	#2 MT w/det. tang or draw-in thread 3/8" x 16 (or metric thread)	Bridgeport R8 adapter fitted on integral shank	50.
		Cylindrical 1/2" dia.	30.
		Cylindrical 3/4" dia.	30.
		Sip Jig Borer MP2C-Cyl. Shank w/cent. bell	*
		Sip Jig Borer MP3K-Cyl. Shank w/cent. bell	*
UFB 3 & UFB-3S	#3 MT w/det. tang & slot and 1/2" x 13 thread	MT4 w/det. tang & slot and 5/8" x 11 thread	34.
		Moore	70.
	Bridgeport R8 with 7/16" x 20 draw-in thread	30 NMTB with 1/2" x 13 thread	40.
		40 NMTB adapter fitted on integral shank	74.
		ADA DeVlieg thread 5/8" x 18 (for right hand operation only)	30.
		Cylindrical 3/4" dia.	35.
		Cylindrical 1" dia.	35.
		Pratt & Whitney threaded coupling for 1E & 1 1/2B	*
		Sip Jig Borer MP3K Cylindrical shank w/cent. bell	*
UFB 4 & UFB-4S	#4 MT with detachable tang & slot & 5/8" x 11 thread	#5 MT with det. tang & slot & 3/4" x 10 thread	44.
		#40 Erickson	40.
	#40 NMTB with 5/8" x 11 thread	#50 NMTB adapter fitted on integral shank	180.
		#50 Erickson	180.
		ADC DeVlieg thread 1 1/2" x 20 (for right hand operation only)	45.
		Beaver 1 1/2" dia.	*
		Beaver 2" dia.	*
		Pratt & Whitney Threaded Coupling for 2A, 2E & 3B	*
		Pratt & Whitney Threaded Coupling for 3E & 4E	*
		Giddings & Lewis 70A - D4-T - 5 MT w/tang & slot	*
		Sip Hydroptic MP 4G & 6A cyl. shank w/centering bell	*
UFB 5 & UFB-5S	#5 MT with det. tang & slot and 3/4" x 10 thread	#40 Erickson	40.
		#50 NMTB adapter fitted on integral shank	170.
		#50 Erickson	170.
	#40 NMTB with 5/8" x 11 thread	#6 MT with tang & slot, flange mounted on head	195.
		ADC DeVlieg thread 1 1/2" x 20 (for right hand operation only)	45.
		Pratt & Whitney threaded coupling for 2A, 2E & 3B	*
		Pratt & Whitney threaded coupling for 4E & 5E	*
		Giddings & Lewis 340T & 340F - 5MT w/tang and slot & driving flats at base of shank	*
		Giddings & Lewis 6 MT w/tang & slot & driving flats at base of shank	*
		Sip Hydroptic MP 4G & 6A - Cyl. shank w/centering bell	*

Shanks on Models UFB 6 & UFB-6S are flange mounted (not threaded) to assure maximum rigidity and precision and also permit left hand operation when required.

UFB 6 & UFB-6S	No Shank supplied	#6 MT with tang & slots	299.
	Flange included at no additional cost.	#50 NMTB with 1" x 8 thread	299.

Metric Draw-In threads also available
***Quotation upon request**
Other special shanks quoted on request

ALL PRICES AND DESIGNS SUBJECT TO CHANGE WITHOUT NOTICE. PRICES F.O.B. WOODSIDE, NEW YORK

NEISE

BORING BARS
EXTENSION BARS
REINFORCING RINGS
REDUCING SLEEVES

BORING BARS

Part No.	Dia/In	Length/In	Price
U 359	3/4	2.360	$17.00
U 362	3/4	3.545	17.00
U 365	3/4	4.730	17.00
U 4-64	7/8	3.350	17.00
U 4-65	7/8	4.930	19.90
U 4-66	7/8	6.496	23.50
U 6-66	1-1/4	4.730	33.40
U 6-67	1-1/4	7.874	42.55
U 6-68	1-1/4	10.236	51.20

BORING BAR HOLDERS

Part No.	Dia/In	Length/In	Price
U 368	3/4	3.145	$35.00
U 371	3/4	4.730	40.00
U 4-68	7/8	3.858	45.00
U 5-69	7/8	5.118	47.00
U 4-70	7/8	7.086	55.00
U 5-71	7/8	9.055	68.00
U 6-70	1-1/4	4.730	107.00
U 6-71	1-1/4	7.874	86.00
U 6-72	1-1/4	14.173	97.00

REDUCING SLEEVES

	Price
1/2 : 5/16"	$14.00
1/2 : 3/8"	14.00
3/4 : 5/16"	14.00
3/4 : 3/8"	14.00
3/4 : 1/2"	14.00
3/4 : 5/8"	14.00
7/8 : 5/16"	14.00
7/8 : 3/8"	14.00
7/8 : 1/2"	14.00
7/8 : 5/8"	14.00
7/8 : 3/4"	14.00
1-1/4 : 7/8"	29.75

REINFORCING RINGS

Part No.	Inside Ø	Length/In	Price
U 4-78	7/8	3/8"	$10.25
U 4-79	7/8	3/4"	10.85
U 4-80	7/8	1-3/16"	14.85
U 4-82	7/8	2-3/16"	19.65
U 6-80	1-1/4	3/8"	19.10
U 6-81	1-1/4	3/4"	20.25
U 6-82	1-1/4	2-3/4"	29.55
U 6-83	1-1/4	3-1/8"	28.90

TIGHTENING SCREWS FOR REINFORCING RINGS

U 4-83	For Boring Bar Holder: 4-70	13.50
U 5-83	For Boring Bar Holder: 5-71	13.50
U 6-84	For Boring Bar Holder: 6-72	14.20
U 6S-84	For Boring Bar Holder: 6-72	18.35

KARL A. NEISE, INC.
56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377
Tel. (212) 446-7799

NEISE MODERNTOOLS

NEW BALANCED BOREMASTER

Model Nos.	MORSE TAPER SHANKS FOR STANDARD AND SHORT MODELS	CYL. SHANKS FOR SHORT MODEL	STANDARD WITH PILOT	SHORT WITHOUT PILOT	Model Nos.	NMBT SHANKS FOR STANDARD AND SHORT MODELS	STANDARD WITH PILOT	SHORT WITHOUT PILOT
1	3, 4 or 5	1¼", 1½"	$321.00	$270.00	1	30	$409.00	--
1	R8 Bridgeport	--	338.00		1	40	420.00	385.00
					1	50	532.00	491.00
2	4 or 5	1½", 2"	442.00	374.00	2	40	560.00	504.00
					2	50	683.00	619.00
3	4, 5 or 6	1-3/4", 2"	569.00	481.00	3	40	687.00	620.00
3					3	50	830.00	754.00
4	*4, 5 or 6	2", 2½", 3"	623.00	535.00	4	50	900.00	825.00
5	5 or 6	2½", 3"	894.00	825.00	5	50	1158.00	--

* This No. 4 Morse Taper should only be used for very light work.

REPLACEMENT BLADES FOR BOREMASTERS

When ordering Carbide Blades, please state material which the blades are to cut—(Iron, Cast Iron, Steel, Stainless Steel, Aluminum or Plastic.)

Model Nos.	DIAMETER RANGE Marking MM	DIAMETER RANGE Inches	DEPTH Inch	DEPTH MM	PRICE PER PAIR HSS	PRICE PER PAIR Carbide
1	40– 88	1.57– 3.46	.78	20	$ 37.40	$ 70.40
1	88–120	3.46– 4.72	.78	20	37.40	70.40
1	40– 88	1.57– 3.46	1.18	30	40.70	
1	88–120	3.46– 4.72	1.18	30	40.70	
1	40– 88	1.57– 3.46	1.57	40	44.00	72.60
1	88–120	3.46– 4.72	1.57	40	44.00	72.60
2	50–105	1.96– 4.13	.78	20	50.40	74.80
2	105–160	4.13– 6.29	.78	20	50.40	74.80
2	50–105	1.96– 4.13	1.18	30	52.80	
2	105–160	4.13– 6.29	1.18	30	52.80	
2	50–105	1.96– 4.23	1.57	40		78.10
2	105–160	4.13– 6.29	1.57	40		78.10
2	50–105	1.96– 4.13	1.96	50	57.20	
2	105–160	4.13– 6.29	1.96	50	57.20	
3	60–125	2.36– 4.91	.78	20		81.40
3	125–200	4.91– 7.87	.78	20		81.40
3	60–125	2.36– 4.91	1.57	40	61.60	83.60
3	125–200	4.91– 7.87	1.57	40	61.60	83.60
3	60–125	2.36– 4.91	2.16	55	69.30	
3	125–200	4.91– 7.87	2.16	55	69.30	
3	60–125	2.36– 4.91	2.75	70	77.00	
3	125–200	4.91– 7.87	2.75	70	77.00	
4	80–125	3.14– 4.91	.78	20		81.40
4	125–300	4.91–11.80	.78	20		81.40
4	80–125	3.14– 4.91	1.57	40	61.60	83.60
4	125–300	4.91–11.80	1.57	40	61.60	83.60
4	80–125	3.14– 4.91	2.16	55	69.30	
4	125–300	4.91–11.80	2.16	55	69.30	
4	80–125	3.14– 4.91	2.95	75	77.00	
4	125–300	4.91–11.80	2.95	75	77.00	
5	100–190	3.94– 7.48	1.18	30		94.60
5	190–300	7.49–11.80	1.18	30		94.60
5	100–190	3.94– 7.48	2.36	60	101.20	99.00
5	190–300	7.49–11.80	2.36	60	101.20	99.00
5	100-190	3.94– 7.48	3.93	100	114.40	
5	190–300	7.49–11.80	3.93	100	114.40	

ALL PRICES AND DESIGNS SUBJECT TO CHANGE WITHOUT NOTICE. PRICES F.O.B. WOODSIDE, NEW YORK.

56-02 ROOSEVELT AVENUE, WOODSIDE, N. Y. 11377
Tel.: 212-446-7799 Cable Address: KARLNEISE
PRINTED IN U.S.A.

KARL A. NEISE, INC.

NEISE MODERNTOOLS

THE NEW SUPER BOREMASTER

DECEMBER 1977

PRICE LIST NO. 12

STANDARD EQUIPMENT INCLUDES:

Three pairs of formed HSS tools to cover the range of 1.970" to 15.750" diameter and a depth of 1.180"

Price with No. 5 or No. 6 Morse Taper Shank	$1497.00
Price with Cylindrical Shank from 2-3/8" diameter and up	1452.00
Price with 50 NMTB Shank	1705.00

Replacement Blades For SUPER BOREMASTER

Diameter Range		Depth		Price Per Pair		Depth		Price Per Pair	Depth		Price Per Pair	
Marking MM	Inches	MM	Inches	HSS	Carbide	MM	Inches	HSS	MM	Inches	HSS	Carbide
50 – 100	1.97 – 3.937	20	.78	40.70	79.20	30	1.18	42.90	40	1.57	48.40	82.50
100 – 180	3.937 – 7.087	20	.78	40.70	79.20	30	1.18	42.90	40	1.57	48.40	82.50
180 – 400	7.087 – 15.750	20	.78	40.70	79.20	30	1.18	42.90	40	1.57	48.40	82.50

THE OZ DISC CUTTER

Range: 1.18" to 7.875" diameter

Please specify shank when ordering:

No. 2 Morse Taper	$426.00
No. 3 Morse Taper	426.00
Bridgeport R8	437.00

STANDARD EQUIPMENT INCLUDES:

One No. 33 HSS Blade

REPLACEMENT BLADES FOR OZ BOREMASTER

Blade No.	Material to be cut	HSS	Carbide
OZ 33	Hardwoods, softwoods, plywood, pressed wood, flake board, plastic laminated wood, synthetics, etc., to .790" depth	$9.90	$20.90
OZ 22	Gasket materials, flake board & thin plywood sheets to .394" depth; Plexiglass, etc., to .060" depth	7.70	—

JUNIOR BOREMASTER

SHANKS	LILIPUT	MODEL 00	MODEL 00A
	CUTTING RANGE DIAMETERS		
	From .708" To 3.150"	From 1.180" To 7.875"	From 1.180" To 15.750"
3/8 Cylindrical	$ 51.70	$ 89.10	
1/2 Cylindrical	68.20	89.10	
2 M. T.	–	89.10	
3 M. T.	–	94.60	$ 121.00
4 M. T.	–	–	126.50
Bridgeport R8		113.30	143.00

Note: Each model is supplied with one HSS cutting blade (#1 for Liliput and #4 for models 00 and 00A), one blade holder, one center drill and one cross bar. See below for descriptions and prices of other blades.

REPLACEMENT BLADES AND BLADE HOLDERS

For Model	Blade No.	Material to be cut	HSS	CARBIDE
LILIPUT	#1	Thin metal sheets of steel, iron, brass, aluminum, etc. to approx. .080" thickness.	$ 11.00	$ 21.00
	#2	Gasket materials masonite, rubber, leather, plexiglass. Thin plywood sheets to approximately .400" thickness.	11.00	
	#3	For Heavy Plywood Bores to 1.180" thickness, also novotex, pertinox, lucite and other synthetics from approx. .080" to 1.180" thickness.	11.00	21.00
MODELS 00 and 00a	#4	Cuts same materials as #1 above	8.80	21.00
	#5	Cuts same material as #2 above.	8.80	
	#6	Cuts same materials as #3 above.	11.00	21.00
	#7	Cuts same materials as blade #3 (carbide tipped) must be used with special blade holder.		26.00
	NEW #8 For 00a only	Cuts metal sheets of steel, iron, aluminum, etc. from .080" to approximately .400" thickness. The diameter range is approximately .400" to 4.00". Must be used with special blade holder.	19.80	

Other replacement part prices on request.	BLADE HOLDERS *	Model 00	Model 00A
	Standard blade holder	$ 26.	$ 33.
Special blade holders for #7 blades only		31.	39.
Special blade holders for #8 blades (For use on #00A only)			39.

*When ordering blade holders please specify model 00 or 00A

ALL PRICES AND DESIGNS SUBJECT TO CHANGE WITHOUT NOTICE.
PRICES F.O.B. WOODSIDE, NEW YORK

KARL A. NEISE, INC.
56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377
Tel. (212) 446-7799

NEISE MODERNTOOLS

"BÖNI" THE MASTER MULTI-TOOL HOLDER
(QUICK CHANGE)

Model	FOR MACHINE WITH Center Height Up To	Swing Up To	H.P. Up To	HOLDERS Basic Head	A	B	K	KH	ZH	BST
80	6"	12"	2	$164.00	$27.50	$27.50	$72.50	$73.75		
100	8"	16"	6	236.00	33.75	33.75	66.25	33.75	$60.00	$45.00
125	10"	22"	12	302.00	48.75	48.75	85.00	40.00	78.75	61.25
150	18"	36"	20	358.00	61.25	61.25	98.75	40.00	78.75	61.25
200	OVER		35	632.00	106.25	106.25	190.00	78.75	153.75	102.50
	18"	36"								

PRICES FOR HOLDERS OF LONG EXECUTION ARE AVAILABLE UPON REQUEST

For MODEL 100

SPECIFY when ordering if 100K holder is to receive ZH collet insert for 5C collets

OR

BST 30 boring bar and KH 30 taper bushing

FOR MODEL	BOLT DIA. AT BASE	GUIDE BOLTS AND NUTS SPECIFICATIONS	PRICE
80	2"	BOLT AND NUT	$26.25
100	2½"	BOLT AND NUT PLUS ROUND GUIDE NUT FOR HOLE 'T' AT BASE OF HEAD (SEE DATA PAGE IN CATALOG)	33.75
125	3"		52.50
150	3¾"		53.75
200	4⅝"		143.75

PLEASE NOTE: THE BASE OF THE BOLT WHICH FITS INTO THE 'T' SLOT OF YOUR LATHE COMPOUND MAY BE SLIGHTLY OVERSIZED. A FEW MINUTES MACHINING WILL BRING IT TO THE PROPER SIZE TO FIT YOUR LATHE.

All prices and designs subject to change without notice. Prices F.O.B. Woodside, New York

KARL A. NEISE, INC.
56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377
Tel. (212) 446-7799

NEISE MODERN TOOLS

VISES AND OTHER WORKHOLDING TOOLS

PRICE LIST NO. 20

FEBRUARY 1978

N-CIRCL-IT SELF-CENTERING VISES

	Standard Accuracy .006"	Precision Accuracy .002"	Precision Paired In Height	
JUNIOR	$ 425.	$ 593.	$ 680.	For Models in Lightweight Aluminum Add 10%
SAMSON	503.	705.	824.	
GOLIATH	972.	1177.	1362.	
SUPER GOLIATH	3364.	3800.	4372.	

SWIVEL f/Junior & Samson

DRILLING FIXTURE f/Junior & Samson $320. $320. f/Goliath $594.

GRIPPING CLAWS

SIZE	PER PAIR
No. 1	$ 128.00
No. 2	218.00
No. 3	354.00

UNI-ARBOR

Size 0	Arbor $ 77.	Disc Driver $ 18.	SMALL SET
1	77.	20.	Sizes 0, 1, 2, w/Disc Driver $ 301.
2	97.	28.	
3	302.	93.	LARGE SET
4	850.	227.	Sizes 0, 1, 2, 3, 4 w/Disc Driver 1698.

PRICE FOR SETS IS 5% LESS THAN FOR INDIVIDUAL PIECES

SLIMLINE GRIPPING JAWS

SETS In metal case	Set A 6 pcs	Set B 8 pcs	Set C 6 pcs	Set D 8 pcs	Set E 6 pcs	Set F 8 pcs
Price Per Set:	$117.	$156.	$160.	$209.	$209.	$273.

PAIRS Type	10	15	16	30	35	36	60	65	66
Price per pair	$49.	$41.	$33.	$64.	$60.	$44.	$88.	$79.	$54.

MINI–MIGHT–TEE T-SLOT GRIPPING JAWS

Size	10	12	14	16	18	20
Price p/pair	24.00	27.50	29.00	32.00	36.00	40.00

EASY ANGLE VISE JAWS

MODEL	PRICE
E-Z 4 1/2"x1-1/2"x4"	$40.
E-Z 8 1/2"x2-1/2"x8"	45.

DRILLING FIXTURES

CHIP FREE DRILLING FIXTURE for cylindrical parts without drill bushings	$243.
with 16 drill bushings	295.
UNIVERSAL DRILL FIXTURE model DFRT for use with Rotary Tables Weight 57 lbs.	699.

VISES AND OTHER WORKHOLDING TOOLS

PRICE LIST NO. 12

MODEL	DESCRIPTION	SIZES			
PREWO UNIVISE				2	3
UW	VISE and Universal Base Combination	–	–	$1,396.	$1,571.

PREWO TOOLMAKERS VISE		0	1	2	3
WS	can be used with (U) Universal Base	$329.	$402.	$473.	$512.

PREWO PRECISION UNDERDRAW MACHINE VISES		1	2	3	4	5
FM	Without Swivel Base	$238.	$346.	$391.	$511.	$714.
DM	With Swival Base	329.	461.	511.	638.	884.
BM	Bases Relieved For Thru Drilling	208.	269.	340.	463.	–
BMa	Bases Relieved For Thru Drilling With Sides Grou nd For 90° Reference	238.	305.	378.	506.	–

PREWO PRECISION CAM-OPERATED QUICK-CLAMPING MACHINES VISES		1		3	
S	Without Swival Base	$244.		$415.	

PREWO QUICK-SETTING HANDLES FOR UNIVISE, TOOLMAKERS & MACHINE VISES		1	2	3	4	5
	Handle Size Corresponds to Vise No.	$8.	$10.	$10.	$11.	$11.

PREWO ACCESSORIES FOR UNIVISE MODELS (ONLY)

RECTANGULAR TABLE

T2	$134.
T3	151.

PERMANENT MAGNETIC CHUCKS

PM-2	$311.
PM-3	443.

ROUND TABLES

R2	$79.
R3	85.

THREE JAW CHUCK

DF-2	$166.
DF-3	191.

SET OF TAILSTOCKS

TR	$253.

ALL ABOVE PREWO VISE JAWS ARE GROUND SQUARE 90° TO BASE FOR BETTER ACCURACY

All prices and designs subject to change without notice. Prices F.O.B. Woodside, New York.

KARL A. NEISE, INC. 56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377

TRIPLE-05 DIAL CALIPERS

Model	Price with Case Soft	Price with Case Hard	Hard	Extra For RED DOT
MT-11/6"	$61.70	$63.80		$6.00
MT-11/8"			$80.65	7.00
MT-11/12"			123.00	8.00

VERNIER CALIPERS

Model	Price with Case Soft	Price with Case Hard	Extra For RED DOT
MT-5/12"		$ 76.00	$ 8.00
MT-5/24"		212.00	10.00
MT-9/6"	$25.70		6.00
MT-12/6"	21.70		6.00
MT-12/8"		35.30	7.00
MT-12/12"		74.30	8.00
MT-13/6"	28.15		6.00
MT-13/8"		40.00	7.00
MT-13/12"		80.00	8.00
MT-15/6"	21.70		6.00
MT-15/8"		29.00	7.00

New DOUBLE 05 METRIC DIAL CALIPERS

Model	Price with Case Soft	Price with Case Hard	Extra For RED DOT
MT-11/150 mm	$65.00	$67.10	$6.00

MT-7 SHORT RACK DIAL CALIPERS

Complete with Cali-Neo Ball and Wood Case

MT-7/12"	$118.00	$8.00	extra for RED DOT
MT-7/18"	242.00	9.00	extra for RED DOT
MT-7/24"	275.00	10.00	extra for RED DOT

KAN-CHEK Dial Comparator Stand

Model 10 ..... $39.50
Model 12 ..... 50.85
Model 13 ..... 50.85
With fine adjustment bracket instead of standard bracket
(all models $11.80 Extra)
Prices do not include indicator

Model MT-19 UNIVERSAL BEVEL PROTRACTORS

	6"	8"	12"	20"
Protractor	$92.60	$96.90	$102.15	$114.80
Wood Case	7.35	9.85	11.80	17.20
Spare Rule	6.95	9.80	13.45	16.30

*Base $36.55 *Square $32.70 * Magnifier $13.80
*Same for all sizes

MAGNETIC BASES

MT-14A $20.00
Indicator not included

DIAL INDICATORS

MT-C $23.00
MT-H 28.30

HEIGHT GAGES

Complete with DeLuxe Wood Case

MT-16A 12" $103.00

INTERAPID COMPARATOR GAGE

Model IRA-2A $365.
With standard equipment including wood case
Contact Points for Blind Holes
134/136 ..... $25.00 (set of 3)
133/135 ..... 25.00 (set of 3)

CENTERING MICROSCOPES

X-I ..... $295.
X-II ..... 295.
Y-I ..... 415.
Y-II ..... 415.
Z-I ..... 415.

Fitted wooden case for each of the above $10.

KARL A. NEISE, INC. 56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377
Tel. (212) 446-7799
NEISE MODERNTOOLS

OPTO-MIKE

MICRO-OPTO-MIKE

SIZE	INCHES	MILLIMETER	PRICE
A	.240" - .280"	6 - 7 mm	$ 652.
B	.280" - .340"	7 - 8.5 mm	652.
C	.340" - .440"	8.5 - 11 mm	652.
D	.440" - .600"	11 - 15 mm	652.
E	.600" - .800"	15 - 20 mm	652.

TOTAL if purchased individually $3,260.

OPTO-MIKE

1	.800" - 1.000"	20 - 25 mm	$ 386.
2	1.000" - 1.200"	25 - 30 mm	393.
3	1.200" - 1.400"	30 - 35 mm	420.
4	1.400" - 1.700"	35 - 42.5 mm	444.
5	1.700" - 2.000"	42.5 - 50 mm	469.
6	2.000" - 2.400"	50 - 60 mm	493.
7	2.400" - 2.800"	60 - 70 mm	521.
8	2.800" - 3.400"	70 - 85 mm	543.
9	3.400" - 4.000"	85 - 100 mm	568.
10	4.000" - 5.000"	100 - 125 mm	595.
11	5.000" - 6.000"	125 - 150 mm	618.

TOTAL if purchased individually $5,450.

SETS

SET 0 FIVE INSTRUMENTS
Sizes A through E
Measuring from .240" to .800" $3,096.

SET 1 SIX INSTRUMENTS
Sizes No. 1 through No. 6
Measuring from .800" to 2.400"
With Carrying Case $2,142.

SET 2 FIVE INSTRUMENTS
Sizes No. 7 through No. 11
Measuring from 2.400" to 6.000"
With Carrying Case $2,700.

SET 3 ELEVEN INSTRUMENTS
Sizes No. 1 through No. 11
Measuring from .800" to 6.000"
With Carrying Case $5,163.

Electr-O-rbit

ELECTR-O-RBIT IN WOODEN CASE complete with ORBIT probe	$490.00
DELUXE ELECTR-O-RBIT IN WOODEN CASE complete with ORBIT probe	$622.00
KIT to retrofit our ORBIT probe carrier for your present Comparator and Probe	$228.00
KAN Electronic Comparator with standard probe in wooden case	$302.00
DELUXE KAN Electronic Comparator with standard probe in wooden case	$434.00

ULTRA-MET

THE CALIPER WITH A THOUSAND USES $107.00

Extra Equipment Set Includes:

- 2 Conical Centering Points
- 1 Rod .600" long
- 1 Rod 2.000" long
- 1 Rod 4.000" long
- 1 Clamp for above
- 2 Discs .050" thick with fastening screws (for groove measurement)

PRICE FOR SET $16.00

KARL A. NEISE, INC.
56-02 ROOSEVELT AVENUE • WOODSIDE, NEW YORK 11377
Tel. (212) 446-7799

NEISE MODERNTOOLS